



# Dihydrotestosterone [HRP] (DAG1092)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Dihydrotestosterone, HRP conjugate
<b>Antigen Description</b>	Dihydrotestosterone is a biologically active metabolite of the hormone testosterone, formed primarily in the prostate gland, testes, hair follicles, and adrenal glands by the enzyme 5α-reductase by means of reducing the 4,5 double-bond. Dihydrotestosterone is produced by males in utero and is responsible for the formation of male gender-specific characteristics as well as contributing to other characteristics generally attributed to males, including facial and body hair growth, and deepening of the voice.
<b>Species</b>	N/A
<b>Conjugate</b>	HRP
<b>Format</b>	Concentrate
<b>Size</b>	0.5 ml
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Dihydrotestosterone is a hormone that stimulates the development of male characteristics (an androgen). It is made through conversion of the more commonly known androgen, testosterone. Almost 10% of the testosterone produced by an adult each day is converted by the testes and prostate (in men), the ovaries (in women), the skin and other parts of the body to dihydrotestosterone.
<b>Keywords</b>	Dihydrotestosterone; DHT; 5α-dihydrotestosterone; 5α-DHT; Androstanolone; 5α-androstan-17β-ol-3-one; 17β-hydroxy-5α-androstan-3-one